

WMAP Cosmological Parameters

 Model: lcdm+iso+uncorr

Data: wmap9+spt+act+snls3

$10^9 \Delta_{\mathcal{R}}^2$	2.413 ± 0.081	H_0	$71.8 \pm 1.6 \text{ km/s/Mpc}$
$A_{\text{clustered}}$	< 9.9 (95% CL)	$A_{\text{Poisson}}^{\text{ACT}}$	15.0 ± 2.3
$A_{\text{Poisson}}^{\text{SPT}}$	> 17 (95% CL)	$\ell(\ell + 1)C_{220}/(2\pi)$	$5743 \pm 33 \mu\text{K}^2$
$d_A(z_{\text{eq}})$	$14280^{+84}_{-85} \text{ Mpc}$	$d_A(z_*)$	$14116^{+85}_{-86} \text{ Mpc}$
$D_v(z = 0.57)/r_s(z_d)$	$12.99^{+0.23}_{-0.22}$	η	$(6.15^{+0.10}_{-0.11}) \times 10^{-10}$
k_{eq}	0.00968 ± 0.00023	ℓ_{eq}	136.6 ± 2.5
ℓ_*	301.93 ± 0.42	n_b	$(2.526 \pm 0.043) \times 10^{-7} \text{ cm}^{-3}$
n_s	0.973 ± 0.011	Ω_b	0.0437 ± 0.0016
$\Omega_b h^2$	$0.02249^{+0.00038}_{-0.00039}$	Ω_c	0.214 ± 0.016
$\Omega_c h^2$	0.1101 ± 0.0033	Ω_Λ	0.742 ± 0.017
Ω_m	0.258 ± 0.017	$\Omega_m h^2$	0.1326 ± 0.0032
$r_s(z_d)$	$153.50^{+0.93}_{-0.94} \text{ Mpc}$	$r_s(z_d)/D_v(z = 0.106)$	$0.3569^{+0.0088}_{-0.0089}$
$r_s(z_d)/D_v(z = 0.2)$	0.1944 ± 0.0045	$r_s(z_d)/D_v(z = 0.35)$	0.1165 ± 0.0024
$r_s(z_d)/D_v(z = 0.44)$	0.0954 ± 0.0018	$r_s(z_d)/D_v(z = 0.54)$	0.0804 ± 0.0014
$r_s(z_d)/D_v(z = 0.57)$	0.0770 ± 0.0013	$r_s(z_d)/D_v(z = 0.6)$	$0.0739^{+0.0012}_{-0.0013}$
$r_s(z_d)/D_v(z = 0.73)$	$0.06356^{+0.00096}_{-0.00097}$	$r_s(z_*)$	$146.88^{+0.85}_{-0.86}$
R	1.714 ± 0.012	σ_8	0.800 ± 0.017
$\sigma_8 \Omega_m^{0.5}$	0.406 ± 0.020	$\sigma_8 \Omega_m^{0.6}$	0.355 ± 0.020
α_{SNLS}	1.43 ± 0.11	β_{SNLS}	3.26 ± 0.11
A_{SZ}	< 1.0 (95% CL)	t_0	$13.695^{+0.078}_{-0.077} \text{ Gyr}$
τ	0.085 ± 0.013	θ_*	$0.010405^{+0.000014}_{-0.000015}$
θ_*	$0.59617 \pm 0.00083^\circ$	τ_{rec}	286.0 ± 1.8
t_{reion}	$479 \pm 67 \text{ Myr}$	t_*	$379789^{+3082}_{-3068} \text{ yr}$
α_0	< 0.065 (95% CL)	z_d	1020.01 ± 0.85
z_{eq}	3173^{+76}_{-77}	z_{rec}	$1088.04^{+0.68}_{-0.67}$
z_{reion}	10.3 ± 1.1	z_*	$1090.83^{+0.65}_{-0.66}$